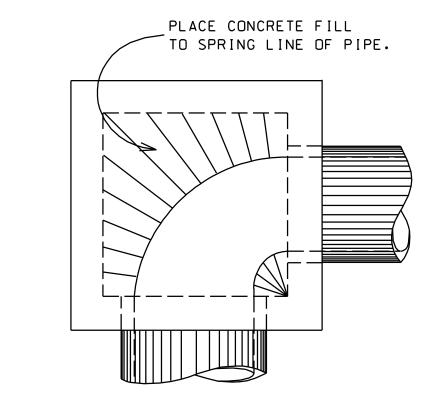


SCHEDULE		FOR	REINFORCING STL.				
SHAPE	BAR	NO.	SIZE	SPACING	LENGTH	WEIGHT	
STRAIGHT	Α	18	4	9″ O.C.	6'-1"	73	
	В	36	5	8" O.C.	7'-6"	282	
	С	36	5	8" O.C.	4'- 3"	160	
STRAIGHT	D	18	4	9″ O.C.	6'-1"	73	
STRAIGHT	E	20	3	12" O.C.	4'- 11"	37	
STRAIGHT	G	20	4	12" O.C.	6'-1"	81	
STRAIGHT	G ₁	8	4	AS SHOWN	6'-1"	33	
STRAIGHT	Н	24	3	12" O.C.	5'-5"	49	
STRAIGHT	J	8	6	3 1/2" D.C.	4'- 11"	59	
					TOTAL	847 lbs.	

CLASS "A" CONCRETE - 5.03 CU. YDS. (DOES NOT EXCLUDE MANHOLE OPENINGS OR PIPE OPENING)

- * NOTE: BAR SIZE AND SPACING BASED ON SPANS AS SHOWN. ANY REVISIONS TO THESE SPANS SHALL INCLUDE A RE-DESIGN ON STEEL REQ'D.
 - 1. CONCRETE FOR STRUCTURE SHALL BE CLASS "A" 3.000 P.S.I. AT 28 DAYS.
 - 2. ALL EXPOSED EDGES SHALL BE CHAMFERED 3/4".
 - 3. REINFORCING STEEL SHALL BE NEW BILLET STEEL,
 INTERMEDIATE GRADE, ASTM A-15. THE DEFORMATION
 SHALL CONFORM TO ASTM A-305.
 - 4. ALL DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTER OF BARS.
 - 5. ALL BARS INTERCEPTING MANHOLE OPENING AND REINFORCED CONCRETE PIPE SHALL BE FIELD-CUT.
 - 6. WHERE LAPPING OF BARS IS REQUIRED, A MINIMUM LAP OF 33 DIAMETERS SHALL BE USED.
 - 7. INVERT OF JUNCTION BOX TO BE SHAPED WITH CONCRETE FILL (2,500 P.S.I. MIN.) TO EFFECT DRAINAGE TO OUTLET PIPE. COST SUBSIDIARY TO CLASS "A" CONCRETE (JUNCTION BOXES).



CURVED DEFLECTOR DETAIL

JANUARY 2005

STANDARD PLANS CITY OF SAN ANTONIO, TEXAS DEPARTMENT OF PUBLIC WORKS

5'x5'x5' JUNCTION BOX STANDARDS

DRAWN BY:	DATE	REVISIONS	SCALE:	SEE ABOVE
CHECKED BY:			DATE:	
NAT HARDY, P.E.			SHEET:	OF